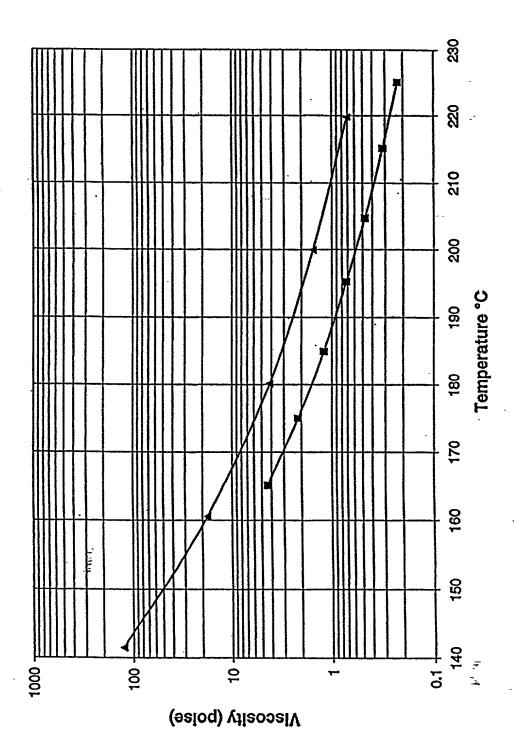


Fig. 1 (PRIOR ART)



(petroleum based) + 5 wt.% carbon fibers (petroleum based) pre-cursor pitch

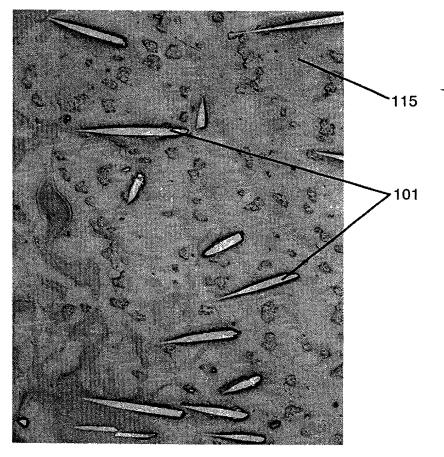


Fig. 3

Fig. 4

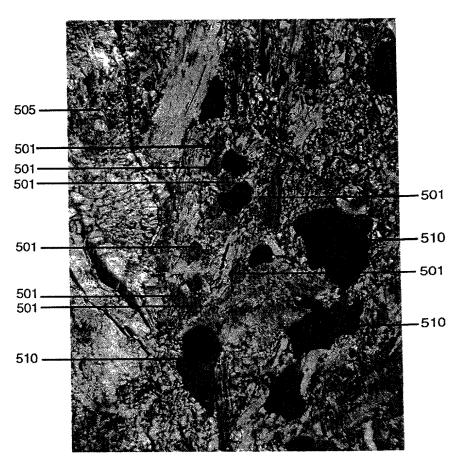


Fig. 5a (PRIOR ART)

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Fig. 5b (PRIOR ART)

~ 70 H

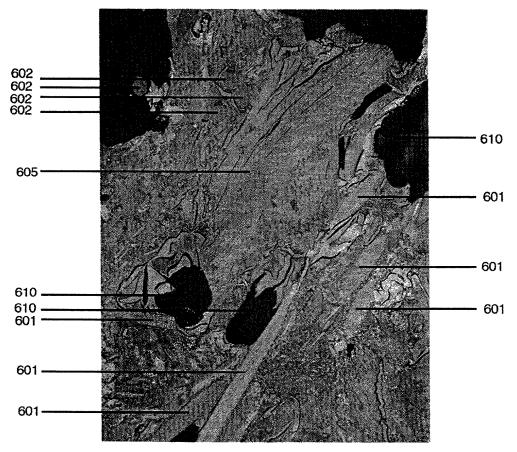


Fig. 6